

(9) CLAIMS

1. A computer consumable component employed with an associated computerized apparatus, comprising:

the consumable component;

5 incorporated with the consumable component, a memory; and

embedded in the memory, readable program code containing at least one downloadable, upgrade version of program code associated with a device selected from a group including, the consumable component, the associated computerized apparatus, and interactional program code associated with both the consumable
10 device and the associated computing apparatus.

2. The invention as set forth in claim 1, the memory further comprising:
an electrically readable device.

3. The invention as set forth in claim 1, the memory further comprising:
an optically readable device.

15 4. The invention as set forth in claim 1 the memory further comprising:
a magnetically readable device.

5. The invention as set forth in claim 1 the readable program code further comprising:
interactive subroutines for allowing selection of options for installation,

operation, or both, of said readable program code.

6. The invention as set forth in claim 1 further comprising:

program code for determining if the readable program code is compatible with the associated computerized apparatus and, if not, program code for aborting any
5 downloading of the readable program code.

7. The invention as set forth in claim 1 the readable program code further comprising:

program code for indicating whether the readable program code is a partial listing or a complete listing of an upgrade version thereof.

10 8. A method for delivering computerized apparatus upgrade program code for computerized apparatus, the apparatus including means for accessing a memory, the method comprising:

providing a consumable associated with a computerized apparatus with a memory;

15 installing the upgrade program code into the memory; and

installing program code in the memory for recognizing a requirement for the upgrade program code to be downloaded via the means for accessing a memory.

9. The method as set forth in claim 8 further comprising:

providing an end-user option as to whether to download said upgrade program
20 code.

10. The method as set forth in claim 8 the installing the upgrade program code into the memory; further comprising:

providing sets of partial upgrade program code in a plurality of separate consumables such that a complete upgrade program code is delivered by use of one
5 set of the plurality of separate consumables.

11. The method as set forth in claim 8, the installing the upgrade program code into the memory further comprising:

installing upgrade versions of computer code containing at least one downloadable, upgrade version of program code associated with a device selected
10 from a group including, the consumable, the associated computerized apparatus, and interactional program code associated with both the consumable device and the associated computing apparatus.

12 A method of doing business, the method comprising:

manufacturing consumables employed with associated computerized apparatus;
15 incorporating upgrade versions of computer code into said consumables; and distributing said consumables to computerized apparatus end-users.

13. The method as set forth in claim 12 the incorporating upgrade versions of computer code into said consumables comprising:

incorporating upgrade versions of computer code containing at least one downloadable, upgrade version of program code associated with a device selected
20 from a group including, the consumable, the associated computerized apparatus, and

interactional program code associated with both the consumable device and the associated computing apparatus